CITY OF BURBANK

PRINCIPAL POWER ENGINEER

DEFINITION

Under direction, to manage an engineering section in the utility and perform related work as required.

ESSENTIAL FUNCTIONS

Participates in the overall planning, operation, and maintenance of the electric utility system; manages and leads a section of engineers in the preparation of plans, specifications, designs, and budgets for a wide variety of electric utility capital improvement programs, including electrical generating facilities, switching stations, distributing stations, other substations, underground and overhead power transmission and distribution lines, and customer stations; prepares and directs the preparation of a wide variety of construction, engineering, and power supply contracts; evaluates bids and recommends awards of contracts; plans, reviews, and coordinates, as required, engineering associated with the operation and maintenance of an electric utility; forecasts electric system behavior under a variety of conditions; recommends electric system capital improvements and improved operating and maintenance procedures; makes rate studies and recommends rate schedules; serves in an advisory capacity for the site plan review process and other like review processes; prepares reports and presents technical information to a broad range of audiences; makes effective recommendations regarding hiring, promotion, and transfers; effectively recommends disciplinary action as needed, up to and including termination; drives on City business.

MINIMUM QUALIFICATIONS

Employment Standards:

- Knowledge of – management and leadership principles and practices; business practices; best purchasing practices; pertinent regulations and laws; engineering principles, practices, and ethics; the planning, design, construction, operation, and maintenance of electrical systems.

- Ability to – communicate effectively in English, both orally and in writing; make effective decisions; select the best value method approach for generating power, transmitting power, managing power systems, and expanding system capacity; prepare a wide variety of construction engineering and power supply contracts and specifications; evaluate electrical equipment bids or responses to requests for proposals and prepare recommendations; plan and direct the work of others; establish and maintain effective working relationships with supervisors, employees, and the public.

Education/Training: Any combination of education and/or experience that has provided the knowledge, skills, and abilities necessary for acceptable job performance as determined by the City. Example combination includes, but is not limited to a Bachelor of Science degree from an accredited college or university with major course work in engineering and seven years of professional engineering experience related to electrical utilities, including a minimum of two years at a supervisory level or technical administrator of a power supply function with a variety of contracts, fuel types, or technologies. Advanced course work in public administration, business administration, or engineering may be substituted for any of the seven years of professional engineering experience on a year-for-year basis for a maximum of one year.

License & Certificate: Registration as an engineer in the State of California is required; a valid California Class "C" Driver's License or the equivalent at the time of appointment.

SUPPLEMENTAL INFORMATION

None.